

**Arianna Cortesi**

## **Running GALFITM with SPLUS data**

All material (images, psfs, codes) can be found here:

<https://www.dropbox.com/sh/v0vx2j6o6geqftg/AAAKuqKmxSsHleNEPlsIIVIMa?dl=0>

In the tar file there are 3 folders, each one containing a galaxy. Every person can choose one of them. In the folder are images and psfs and everything needed to run GALFITM on that galaxy, simply typing:

```
./galfitm-1.4.4-(your version of galfitm osx or linux)  
single_sersic_(gal number).feedme ###for a single sersic fit
```

or

```
./galfitm-1.4.4-(your version of galfitm osx or linux)  
bulge_disk_162.feedme ###for a bulge disk fit
```

There are also some slides that can be useful *LaPlata\_morpho*.

And the outputs of the bulge disk decomposition, to make some plots (it would be ideal if they have top cat)

### **NOTE:**

GALFITM, developed and mantained by Steven Bamford, can be download from here (<https://www.nottingham.ac.uk/astronomy/megamorph/>), but I already put the linux and mac version in the data forlder, *please make sure to use the correct version!*

The data are from SPLUS DR1.